

AMENDMENTS TO THE CLAIMS

1. (Original) A structural element for the construction of any type of buildings, comprising a first “C”-shaped element with equidistant cavities on at least one of its faces and a second element in the shape of a continuous strip with equidistant angular folds, whereby once both structural elements are assembled to each other, the angular folds of the metallic strip are projected through the cavities of the “C”-shaped structural element.

2. (Original) A structural element for the construction of any type of buildings according to claim 1, wherein the cavities in the “C”-shaped structural element are of rectangular configuration and in a such number that depends on the length of the structural element, placed in the parallel edges of the “C”-shaped structural profile.

3. (Original) A structural element for the construction of any type of buildings according to Claim 1, wherein the angular folds in the second structural element that are projected through the angular cavities of the “C”-shaped first element, comprise matching perforations through which one of the rods that make up the structure of a wall or slab to be erected, is inserted.

4. (Original) A structural element for the construction of any type of buildings according to claim 1, wherein the structural element, once assembled, once integrated becomes part of the slab or wall which, in turn, can function as a beam or column of the construction.

5. (Previously Presented) A structural element for the construction of any type of buildings according to claim 2, wherein the structural element, once assembled, once integrated becomes part of the slab or wall which, in turn, can function as a beam or column of the construction.

6. (Previously Presented) A structural element for the construction of any type of buildings according to claim 3, wherein the structural element, once assembled, once integrated becomes part of the slab or wall which, in turn, can function as a beam or column of the construction.

7. (New) A concrete stud wall system comprising: a plurality of laterally spaced vertically extending stud members having outwardly facing outer flanges; a horizontally extending upper track member having an outer flange connected to upper ends of said outer flanges of said stud members; a horizontally extending lower track member having an outer flange connected to lower ends of the outer flanges of said stud members; a longitudinally spaced series of rectangular holes spaced by connecting sections formed in said outer flanges of said stud members and said track members, said holes having a longitudinal length and a transverse width; a plurality of stud clip strip members carried by said outer flanges of said stud members and said track members, said strip members having a longitudinal series of projecting bracket sections interconnected by base wall sections, said bracket sections having an inverted truncated U-shape including outwardly converging side walls connected by transverse outer folds at outer ends to a rectangular front wall and inner ends directly connected by transverse

inner folds to said base wall sections wherein the width of said strip member is less than said transverse width of said holes, the longitudinal spacing between said inner folds at said inner ends in unassembled form being greater than said longitudinal length of said holes whereby side walls deflect upon insertion into said holes and in assembly compressively engage said outer flanges at longitudinal end surfaces of said holes, said base walls overlying, engaging and reinforcing said connecting sections of said outer flanges in assembly; a reinforcing mesh of spaced vertical and horizontal reinforcing members intersecting at nodal locations wherein said bracket sections are arrayed whereby said front walls engage said nodal location; means for connecting said reinforcing members to said bracket sections; and a cast concrete panel encapsulating said bracket sections and said mesh for structural attachment at said outer flanges.

8. (New) A wall system comprising: a plurality of laterally spaced vertically extending stud members having outwardly facing outer flanges; a horizontally extending upper track member having an outer flange connected to upper ends of said outer flanges of said stud members; a horizontally extending lower track member having an outer flange connected to lower ends of the outer flanges of said stud members; a longitudinally spaced series of rectangular holes spaced by connecting sections formed in said outer flanges of said stud members and; a plurality of stud clip strip members formed of an elongated planar material carried by said outer flanges, said strip members having projecting bracket sections extending through said holes and interconnected by base wall sections engaging said connecting sections of said outer flanges, said bracket sections having transverse rectangular outwardly converging side walls connected at outer ends to a transverse rectangular front wall and inner ends directly

connected to said base wall sections, the longitudinal spacing between said inner ends prior to assembly being greater than the length of said holes whereby side walls deflect upon insertion into said holes and in assembly compressively engage said outer flanges at longitudinal end surfaces of said holes, said base walls overlying and reinforcing said connecting sections of said outer flanges in assembly.

9. (New) The wall system as recited in claim 8 further including a reinforcing mesh of spaced vertical and horizontal reinforcing members wherein said bracket sections are arrayed whereby said front walls engage said reinforcing members and means for connecting said reinforcing members to said bracket sections.

10. (New) The wall system as recited in claim 9 including detent means operatively engaging said outer flanges with said side walls of said bracket sections to maintain said clip strips in assembled condition on said outer flanges.

11. (New) The wall system as recited in claim 10 including a cast concrete panel encapsulating said bracket sections and said mesh for structural attachment at said outer flanges.

12. (New) The wall system as recited in claim 11 wherein said bracket sections have a generally truncated inverted U-shape and said side walls have an included angle with said connecting sections in unassembled form in the range of about 90° to 135°

13. (New) The wall system as recited in claim 12 wherein said included angled in said unassembled form is in the range of about 100° to 130° .

14. (New) The wall system as recited in claim 13 wherein said included angle between said side walls and said connecting sections in unassembled form is about 10° or greater than the included angle therebetween in assembled form.

15. (New) The wall system as recited in claim 12 wherein said clip strip has a width providing a sliding fit with said holes for assembly.